CLAIMS

What is claimed is:

1   1.   A method for providing Internet data mining functionality comprising the

2   steps of:

3   transmitting to a browser operated by a user a Web page for display to the

4   user, the Web page including a control for activating a data mining function;

5   launching a servlet in response to an indication that the control has been

6   activated;

7   transmitting a request for data mining processing from the servlet to a data

8   mining engine;

9   receiving a result of the data mining processing from the data mining

10   engine; and

11   transmitting the result to the browser.

1   2.   The method of claim 1, wherein the servlet is a reusable software

2   component.

1   3.   The method of claim 2, wherein the servlet is a JavaBean.

1   4.   The method of claim 3 wherein the JavaBean comprises a call to a Java

2   Application Program Interface.

1   5.   The method of claim 2, wherein the servlet is launched using a Java

2   Server Pages tag.

1   6.   The method of claim 1, wherein activation of the control activates a

2   Hypertext Markup Language tag.

1   7.   The method of claim 1, wherein the result of the data mining processing

2   comprises hypertext markup language code generated by the data mining engine.

1   8.   The method of claim 1, further comprising the step of:

2   generating Hypertext Markup Language code based on the received result

3   of the data mining processing.

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5   9.   A computer program product for providing Internet data mining

6   functionality in an electronic data processing system, comprising:

7   a computer readable medium;

8   computer program instructions, recorded on the computer readable

9   medium, executable by a processor, for implementing the steps of:

10   transmitting to a browser operated by a user a Web page for display to the

11   user, the Web page including a control for activating a data mining function;

12   launching a servlet in response to an indication that the control has been

13   activated;

14   transmitting a request for data mining processing from the servlet to a data

15   mining engine;

16   receiving a result of the data mining processing from the data mining

17   engine; and

18   transmitting the result to the browser.

1   10.   The computer program product of claim 9, wherein the servlet is a

2   reusable software component.

1   11.   The computer program product of claim 10, wherein the servlet is a

2   JavaBean.

1   12.   The computer program product of claim 11 wherein the JavaBean

2   comprises a call to a Java Application Program Interface.

1   13.   The method of claim 10, wherein the servlet is launched using a Java

2   Server Pages tag.

1   14.   The computer program product of claim 9, wherein activation of the

2   control activates a Hypertext Markup Language tag.

1   15.   The computer program product of claim 9, wherein the result of the data

2   mining processing comprises hypertext markup language code generated by the

3   data mining engine.

1   16.   The computer program product of claim 9, further comprising the step of:

2   generating Hypertext Markup Language code based on the received result

3   of the data mining processing.

1   17.   A system for providing Internet data mining functionality comprising:

2   a processor operable to execute computer program instructions; and

3   a memory operable to store computer program instructions executable

4   by the processor, the computer program instructions for performing the steps

5   of:

6   transmitting to a browser operated by a user a Web page for display to the

7   user, the Web page including a control for activating a data mining function;

8   launching a servlet in response to an indication that the control has been

9   activated;

10   transmitting a request for data mining processing from the servlet to a data

11   mining engine;

12   receiving a result of the data mining processing from the data mining

13   engine; and

14   transmitting the result to the browser.

1   18.   The system of claim 17, wherein the servlet is a reusable software

2   component.

1   19.   The system of claim 18, wherein the servlet is a JavaBean.

1   20.   The system of claim 19 wherein the JavaBean comprises a call to a Java

2   Application Program Interface.

1   21.   The system of claim 18, wherein the servlet is launched using a Java

2   Server Pages tag.

1 22. The system of claim 17, wherein activation of the control activates a

2 Hypertext Markup Language tag.

1 23. The system of claim 17, wherein the result of the data mining processing

2 comprises hypertext markup language code generated by the data mining engine.

1 24. The system of claim 17, further comprising the step of:

2 generating Hypertext Markup Language code based on the received result

3 of the data mining processing.